

# NICKEL ALLOY MP159® BAR - AMS 5841, AMS 5842, AMS 5843

MP159 è una lega a base di nichel cobalto con le stesse caratteristiche di MP35N. MP159 è un materiale ad altissima resistenza, con buona tenuta, duttilità ed eccellente resistenza alla corrosione, grazie al rafforzamento e all'invecchiamento che gli permette di raggiungere una resistenza massima di oltre 1830 MPa

Specific Gravity							
8.37 g/cm <sup>3</sup>							
Typical Applications				Related Specifications			
Fasteners				AMS 5841			
Jet Engine components				AMS 5842			
Prosthetic devices				AMS 5843			
Marine Applications				UNS R30195			
Chemical Composition (Wt %)							
Ni	Co	Cr	Fe	Mo	Ti	Cb	Al
25.5	35.7	19.0	9.0	7.0	3.0	6.0	0.2
Typical Mechanical Properties							
	0.2% Proof Stress	Tensile Strength	Elongation	Reduction of area			
Condition Annealed	MPA	MPA	%	%			
1925 deg f/4 hrs/WQ	400	850	60	69			
* Every effort has been made to ensure that our technical specifications are accurate. However, technical specifications included within Dynamic Metals Ltd should be used as a guideline only and are subject to change without notice.							

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## General Enquiries

T: +44 (0) 1525 217 556 [\\_\(tel:+4401525217556\)](tel:+4401525217556)

E: [sales@dynamicmetalsltd.com](mailto:sales@dynamicmetalsltd.com) [\\_\(mailto:sales@dynamicmetalsltd.com\)](mailto:sales@dynamicmetalsltd.com)



## UK Address:

### *Head Office*

40 Eden Way  
Chartwell Business Park  
Leighton Buzzard  
Bedfordshire  
LU7 4FY

T: +44 (0)1525 217 556 [\\_\(tel:+441525217556\)](tel:+441525217556)

### *Conversion Centre*

Suite 2 Meadowhall Riverside  
Meadowhall Road  
Sheffield  
South Yorkshire  
S9 1BW

T: +44 (0)1143 030 320 [\\_\(tel:+4401143030320\)](tel:+4401143030320)

### *Registered Office (only)*

The Granary  
Crowhill Farm Ravensden Road  
Wilden  
Bedfordshire  
MK44 2QS

T: +44 (0)1525 217 556 [\\_\(tel:+441525217556\)](tel:+441525217556)



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